

AMENDMENT IN THE CLAIMS

Please cancel claims 17-23 without prejudice or disclaimer as to its subject matter, amend claims 1-4 and 6-16 and newly add claims 24-34 by this amendment as follows:

1 1. (Currently Amended) A washing machine comprising:
2 a ~~heating~~ tank accommodating an article to be washed ~~the washing~~ and ~~washing~~ water, said
3 tank having a first opening;
4 ~~a heating part~~ a heater heating the ~~washing~~ water in the ~~heating~~ tank; and
5 a circulation pump circulating the ~~washing water in the heating tank.~~ water in the tank; and
6 a cover covering said first opening of the tank, said cover having at least one projection
7 protruding inwardly the tank whereby said at least one projection prevents the article from floating
8 during washing.

1 2. (Currently Amended) The washing machine according to claim 1, further comprising:
2 a cabinet accommodating and supporting the ~~heating~~ tank, said cabinet having ~~an a second~~
3 opening at the upper part thereof corresponding to said first opening;
4 ~~a said cover provided at the upper part of the cabinet, opening and closing the opening of the~~
5 ~~heating tank; and~~
6 a controller controlling the heater to heat the ~~washing~~ water in the ~~heating~~ tank and
7 controlling the circulation pump to circulate the ~~washing~~ water.

1 3. (Currently Amended) The washing machine according to claim 2, further comprising a
2 ~~control part selecting~~ an input unit inputting a washing course into said controller according to a
3 washing material, and wherein the controller adjusts an operating time and a suspension time of the
4 circulating pump according to the inputted washing course ~~selected by the control part~~.

1 4. (Currently Amended) The washing machine according to claim 3, wherein the controller
2 controls the ~~heating part~~ heater according to the inputted washing course ~~selected by the control part~~
3 to adjust a washing temperature.


1 5. (Original) The washing machine according to claim 3, wherein the washing course
2 includes a boiling course.

1 6. (Currently Amended) The washing machine according to claim 1, further comprising
2 ~~washing water~~ circulation pipes ~~having~~ comprising a ~~washing water~~ suction pipe and a discharge
3 pipe, said suction pipe ~~communicating with~~ guiding the water from one part of the ~~heating tank,~~
4 ~~guiding the washing water from the heating tank to the circulation pump, and a washing water said~~
5 discharge pipe ~~communicating with another part of the heating tank, transferring the washing~~ guiding
6 the water from the circulation pump to the heating another part of the tank.

1 7. (Currently Amended) The washing machine according to claim 6, wherein the ~~washing~~
2 ~~water~~ discharge pipe has at least one spray hole for spraying the ~~washing~~ water in the ~~heating~~ tank.

1 8. (Currently Amended) The washing machine according to claim 7, further comprising a
2 spray plate provided at the lower part of the ~~washing water~~ discharge pipe and having a plurality of
3 holes for evenly supplying the ~~washing water~~ into the ~~heating~~ tank.

1 9. (Currently Amended) The washing machine according to claim 6, wherein the height of
2 the ~~washing water~~ suction pipe is higher than the height of the ~~heating part~~ heater.


 1 10. (Currently Amended) The washing machine according to claim 1, wherein the ~~heating~~
2 ~~part~~ heater is comprised of a heater being at the below part of the ~~heating~~ tank.

1 11. (Currently Amended) The washing machine according to claim 6, further comprising:
2 a water supply pipe having a first end connected to a water supply source outside the cabinet,
3 and a second end connected to the ~~heating~~ tank; and
4 a water supply valve provided in the water supply pipe, adjusting a ~~washing water~~ flow in
5 the ~~water~~ supply pipe.

1 12. (Currently Amended) The washing machine according to claim 6, further comprising:
2 a ~~water~~ drain pipe having a first end connected to a ~~water~~ drain source outside the cabinet,
3 and a second end connected to the ~~washing water~~ suction pipe; and
4 a ~~water~~ drain valve provided in the ~~water~~ drain pipe, adjusting a ~~washing water~~ flow in the

5 ~~water~~ drain pipe.

1 13. (Currently Amended) The washing machine according to claim 11, further comprising:
2 a ~~water~~ drain pipe having a first end connected to a ~~water~~ drain source outside the cabinet,
3 and a second end connected to the ~~washing water~~ suction pipe; and
4 a ~~water~~ drain valve provided in the ~~water~~ drain pipe, adjusting a ~~washing water~~ flow in the
5 ~~water~~ drain pipe.

 1 14. (Currently Amended) The washing machine according to claim 6, further comprising:
2 a ~~water~~ drain pipe having a first end connected to a ~~water~~ drain source outside the cabinet,
3 and a second end connected to the ~~heating~~ tank; and
4 a ~~water~~ drain pump provided in the ~~water~~ drain pipe, draining out the ~~washing~~ water from
5 the ~~heating~~ tank.

1 15. (Currently Amended) The washing machine according to claim 11, further comprising:
2 a ~~water~~ drain pipe having a first end connected to a ~~water~~ drain source outside the cabinet,
3 and a second end connected to the ~~heating~~ tank; and
4 a ~~water~~ drain pump provided in the ~~water~~ drain pipe, draining out the ~~washing~~ water from
5 the ~~heating~~ tank.

1 16. (Currently Amended) The washing machine according to claim 1, wherein outside the

2 heating tank is provided an insulating material.

1 17-23. (Canceled)

1 24. (New) A washing machine comprising:

2 a tank accommodating water, said tank having an opening, said tank having a partition to
3 divide a space within said tank into a first space and a second space, said partition having a hole, said
4 first and second spaces communicating with each other through said hole, said first space
5 accommodating an article to be washed;

6 a heater mounted in said second space to heat the water in said tank;

7 a pump circulating the water from said second space to said first space;

8 an input unit mounted on said washing machine to input a washing course, said washing
9 course comprising a cycle of a predetermined suspension time and a predetermined operation time
10 of said pump; and

11 a controller controlling the heater to heat the water, said controller controlling said pump
12 according to the inputted washing course.

1 25. (New) The washing machine according to claim 24, further comprising:

2 a cabinet accommodating and supporting the tank, said cabinet having a second opening
3 corresponding to said first opening; and

4 said cover provided at the upper part of the cabinet.

1 26. (New) The washing machine according to claim 24, wherein said washing course further
2 comprises a predetermined water temperature, and the controller controls the heater to adjust a
3 temperature of the water in the tank according to said predetermined water temperature.

1 27. (New) The washing machine according to claim 26, wherein said predetermined
2 suspension time is longer than said predetermined operation time where said predetermined
3 temperature is over a preset temperature and said predetermined operation time is longer than said
4 predetermined suspension time where said water predetermined temperature is over the preset
5 temperature.

1 28. (New) The washing machine according to claim 26, wherein the washing course includes
2 a boiling course.

1 29. (New) The washing machine according to claim 24, further comprising:
2 a first pipe guiding the water from said second space of the tank to said pump; and
3 a second pipe guiding the water from the pump to said first space of the tank.

1 30. (New) The washing machine according to claim 29, wherein the second pipe has at least
2 one spray hole for spraying the water in the first space of the tank.

1 31. (New) The washing machine according to claim 29, further comprising a plate
2 removably mounted on said first space of the tank, said plate having a plurality of holes for evenly
3 supplying the water from said second pipe into the first space of the tank.

1 32. (New) The washing machine according to claim 29, wherein the first pipe communicates
2 with said second space of the tank at a position higher than a position of the heater.

B/ 1 33. (New) The washing machine according to claim 24, wherein inside the cover is provided
2 at least one pushing projection protruding inward the tank.

1 34. (New) The washing machine according to claim 29, further comprising:
2 a third pipe communicating with the tank to drain the water in the tank.
